

# PRODUCT DATASHEET LED VALUE CLAS B FIL 4 W/2700 K E14 GEN2

LED VALUE CLASSIC B FILAMENT | LED lamps, classic mini-candle shape



#### Areas of application

- Decorative applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)
- Perfect for decorative installations

#### Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Lower thermal output (compared with the standard reference product)
- Can be easily fitted instead of ordinary light bulbs

#### **Product features**

- Professional LED lamps for line voltage





- Not dimmable
- Mercury-free lamps
- Good quality of light; color rendering index  $\rm R_{a}\!\!: \geq 80;$  constant chromaticity
- Lifetime up to 15,000 h

# TECHNICAL DATA

# Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	32 mA
Type of current	AC
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Power factor $\lambda$	> 0.50

# Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	117 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80

# Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

# Dimensions & Weight

Overall length	100.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	16.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C		
Lifespan			
Number of switching cycles	100000		
Lumen maintenance at end of service lifetime	0.70		
Rated lamp survival factor at 6,000 h	≥ 0.90		
Additional product data			
Base (standard designation)	E14		
Mercury content	0.0 mg		
Mercury-free	Yes		
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value		
Capabilities			
Dimmable	No		
Certificates & Standards			
Energy efficiency class	E 1)		
Energy consumption	4.00 kWh/1000h		
Photobiological safety group acc. to EN62778	RG0		
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E     Country-specific categorizations	(lowest efficiency)		
Order reference	LV CLB 4W/827 2		
Energy labelling regulation data acc EU 2019/2015			
Light source cap-type (or other electric interface)	E14		
Correlated colour temperature type	SINGLE_VALUE		
Length	100.00 mm		
Height	35.00 mm		
Height Width	35.00 mm 35.00 mm		

#### DOWNLOAD DATA

Photometric and lighting design files	Document name
IES file (IES)	LED VALUE CLAS B 4W 2700K
LDT file (Eulumdat)	LED VALUE CLAS B FIL 4 W 2700K E14 GEN2
Light distribution curve type polar	LED VALUE CLAS B FIL 4 W 2700K E14 GEN2

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075578487	Folding box	39 mm x 39 mm x 109 mm	30.00 g	0.17 dm <sup>3</sup>
4058075578494	Shipping box 10	205 mm x 87 mm x 123 mm	349.00 g	2.19 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

# **DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.